

SoundPlus® Infrared Listening System, Model 125

Description:

The WIR 125 System reduces background noise by delivering audio directly from the sound source to the listeners ears. The stereo TX295 transmitter conveniently plugs directly into the TV, VCR or sound system.

The RX3 receiver features an earphone jack which allows the user to plug in a variety of earphones, headphones or other listening accessories of their choice.

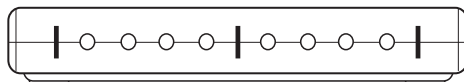
Applications:

• Television Listening • Stereo Listening • Small Group Listening • Language Interpretation • Offices

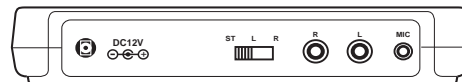
WIR TX295 Transmitter:

Size, Weight, Color:	6.25" L x 3.25" W x 1.25" H (15.9 cm x 8.3 cm x 3.2 cm), 5.1 oz (140 g), Gray
Power Input:	12 VDC (center is positive) on DC connector, 200 mA Class II wall transformer TFP 024 Power Supply: North America: 120 VAC, 60 Hz, UL/CSA TFP 032 Power Supply, 2 pin Euro mains plug, 230 VAC, 50-60 Hz, CE TFP 033 Power Supply, 3 pin UK mains plug, 230 VAC, 50-60 Hz, CE
Subcarrier Frequency:	95 kHz or stereo or 250 kHz
Auto Power On/Off:	Transmitter shuts off infrared after 1.5 minutes when audio signal is removed. Battery charging functions remain on full time.
Microphone Input:	3.5 mm jack for MIC 084 Electret TV Microphone, 1.5 k Ω
Line Inputs:	2 RCA jacks for mono or stereo line-level sources, 200 mV min. to 10 V rms max. input level, 5.1 k Ω
Automatic Level Control:	35 dB compression range
Infrared LEDs, Pattern:	8 IR LEDs, 45 degree cone-shaped coverage pattern to 6 dB intensity, 30 ft (9 m) line of sight
Charging Ports:	Charges one WIR RX295 Receiver plus two additional BAT AP97A NiMH battery packs
Warranty:	5 years*

(TX295 Front and Back Panels)



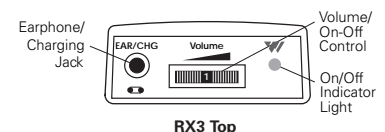
TX295 Front



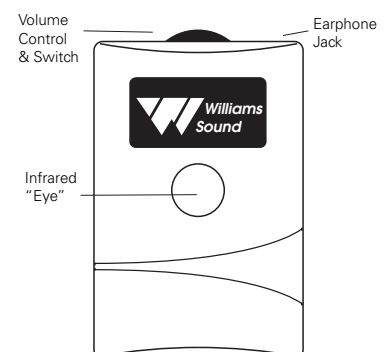
TX295 Rear

WIR RX3 Receiver:

Size and Weight:	3.62" L x 2.36" W x 0.86" H (9.2 cm x 6 cm x 2.2 cm), 3.2 oz (90 g) with battery
Material and Color:	Polypropylene, Gray
Battery Type:	9 Volt, Eveready 216, Eveready 522, or BAT 003 NiMH 7-cell rechargeable
Battery Life:	15 hrs with Eveready 216, 35 hrs with Eveready 522, 6 hrs/charge with BAT 003
Charging Jack:	Earphone jack is used for charging
Modulation Frequency:	95 kHz FM, 50 μ S de-emphasis
Frequency Response:	200 Hz to 8 kHz, \pm 4 dB
Signal to Noise Ratio:	60 dB with WIR TX95, 70 dB with WIR TX10
Controls:	Combination volume/On-Off wheel
Audio Output:	3.5 mm mono mini phone jack, 250 mW maximum into 16 Ω
Acoustic Output:	127 dB MAX SSPL90, 123 dB HF AVG SSPL90 w/EAR 013, 2 cc coupler
Compatibility:	Compatible with most wide-band 95 kHz IR Transmitters
Warranty:	5 years*
On Indicator:	Red LED



RX3 Top



*90-day warranty on accessories.

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

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Bid Specs:

The transmitter shall be encased in a grey, ABS plastic, compact in design for easy mounting on top of a TV, VCR or audio equipment. The transmitter shall have 8 infrared LEDs that can transmit a signal up to 30 ft (line-of-sight) at 6 dB of intensity. There shall be a three-position slide switch for selecting 95 kHz, stereo, or 250 kHz operation. Two RCA jacks shall be available for mono or stereo line-level input at 200 mV to 10 V. A 3.5 mm jack shall be available for microphone input at 1.5 k Ω . A television microphone shall be included to directly pick up the audio of the sound source where there are no available jacks. The transmitter shall have a spare battery port for the RX295's BAT AP97A on both sides of the transmitter.

The transmitter shall serve as a charger for a single RX295 receiver (not included) plus two additional BAT AP97A batteries.* The transmitter shall automatically turn off after 1.5 minutes of no audio. The transmitter shall be covered by a five-year parts and labor warranty. The transmitter shall be the Williams Sound Corp. model WIR TX295.

The receiver shall be a body-pack type with an IR detector on the front of the unit. The receiver shall be housed in a shatter-resistant plastic case with a hinged battery door that does not separate from the receiver. The receiver shall operate on 95 kHz frequency with 50 μ S de-emphasis. The receiver shall have a red LED "on" indicator. The unit shall have a lanyard for hands-free operation. The receiver shall have a combination volume control and power on/off rotator dial. The receiver shall operate for 15 hours with a 9 Volt alkaline battery and for 6 hours per charge with a 9 Volt NiMH rechargeable battery. The receiver shall have a 3.5 mm phone jack with an output of 250 mW. The phone jack shall accommodate low-impedance mono earphones, headphones and neckloop telecoil couplers. The receivers shall provide 127 dB SSPL90 output with an EAR 013 earphone. The receiver shall have a signal-to-noise ratio of 60 dB with the TX95 transmitter and 70 dB with the WIR TX10 transmitter.

The receiver shall be covered by a five-year parts and labor warranty, excluding earphones, headphones, batteries and chargers. The receiver shall be the Williams Sound Corp. model WIR RX3.

*Only one additional battery is supplied with the WIR 125 system.

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Contact:

United States and Mexico

Williams Sound Corp.
10321 W. 70th Street
Eden Prairie, MN 55344-3446
Ph: 800-328-6190 / 952-943-2252 / FAX: 952-943-2174
Web: www.williamssound.com
Email: info@williamssound.com

Canada

Thorvin Electronics
2861 Sherwood Heights Dr. Units 36-37
Oakville, ON L6J-7K1 Canada
Ph: 800-323-6634 / 905-829-3040 / FAX: 905-829-4196
Web: www.thorvinelectronics.com

South America

DPTech
SIA Trecho 3/4 Lote 335 2°. Andar
71200-030 Brasília, DF
BRAZIL
Ph: (5561) 361-1384
Fax: (5561) 361-0948
Web: www.dpotech.com.br
Email: ws@dpotech.com.br

Europe and Asia

International Sales Department
Williams Sound Corp.
10321 W. 70th Street
Eden Prairie, MN 55344 USA
Phone: +1 651 493 2578 or +1 952 943 2252
Fax: +1 952 943 2174
Email: doreeni@williamssound.com
Web: www.williamssound.com